

applicable standard, the manufacturer may generate credits that may be used show compliance with HC+NO_x standards for Class I and Class II motorcycles during the same model year. Use the following equations to calculate credits and credit deficits for each class or subclass:

$$\text{Credit} = (\text{Average Standard} - \text{Emission Level}) \times (\text{Total Annual Production}) \times (\text{Useful Life})$$

$$\text{Deficit} = (\text{Emission Level} - \text{Average Standard}) \times (\text{Total Annual Production}) \times (\text{Useful Life})$$

(1) Manufacturers participating in the averaging program of this section may modify FELs during the model year as specified in this paragraph (1).

(1) Upon notifying EPA, manufacturers may raise the FEL for an engine family and begin labeling motorcycles with the new FEL.

(2) Manufacturers may ask to lower FELs based on test data of production vehicles showing that the motorcycles in the engine family have emissions below the new FEL. Manufacturers must test the motorcycles according to 40 CFR part 1051, subpart D. Manufacturers may not begin labeling motorcycles with the new FEL until they have received EPA approval to do so.

(3) Manufacturers may not change the FEL of any motorcycle that has been placed into service or that is no longer in their possession.

[69 FR 2439, Jan. 15, 2004]

Subpart F—Emission Regulations for 1978 and Later New Motorcycles; Test Procedures

SOURCE: 42 FR 1137, Jan. 5, 1977, unless otherwise noted.

§ 86.501–78 Applicability.

(a) This subpart contains the motorcycle test procedures specified in subpart E.

(b) Provisions of this subpart apply to tests performed by both the Administrator and motor vehicle manufacturers.

§ 86.502–78 Definitions.

(a) The definitions in § 86.402–78 apply to this subpart.

(b) [Reserved]

§ 86.503–78 Abbreviations.

(a) The abbreviations in § 86.403–78 apply to this subpart.

(b) [Reserved]

§ 86.504–78 Section numbering.

(a) The section numbering system described in § 86.404–78 is used in this subpart.

(b) [Reserved]

§ 86.505–78 Introduction; structure of subpart.

(a) This subpart describes the equipment required and the procedures to follow in order to perform exhaust emission tests on motorcycles. Subpart E sets forth the testing requirements and test intervals necessary to comply with EPA certification procedures.

(b) Three topics are addressed in this subpart. Sections 86.508 through 86.515 set forth specifications and equipment requirements; §§ 86.516 through 86.526 discuss calibration methods and frequency; test procedures and data requirements are listed (in approximate order of performance) in §§ 86.527 through 86.544.

§ 86.505–2004 Introduction; structure of subpart.

(a) This subpart describes the equipment required and the procedures to follow in order to perform exhaust emission tests on motorcycles. Subpart E sets forth the testing requirements and test intervals necessary to comply with EPA certification procedures. Alternate equipment, procedures, and calculation methods may be used if shown to yield equivalent or superior results, and if approved in advance by the Administrator.

(b) Three topics are addressed in this subpart. Sections 86.508 through 86.515 set forth specifications and equipment requirements; §§ 86.516 through 86.526 discuss calibration methods and frequency; test procedures and data requirements are listed (in approximate order of performance) in §§ 86.527 through 86.544.

(c) For diesel-fueled motorcycles, use the sampling and analytical procedures and the test fuel described in subpart B of this part for diesel-fueled light-duty